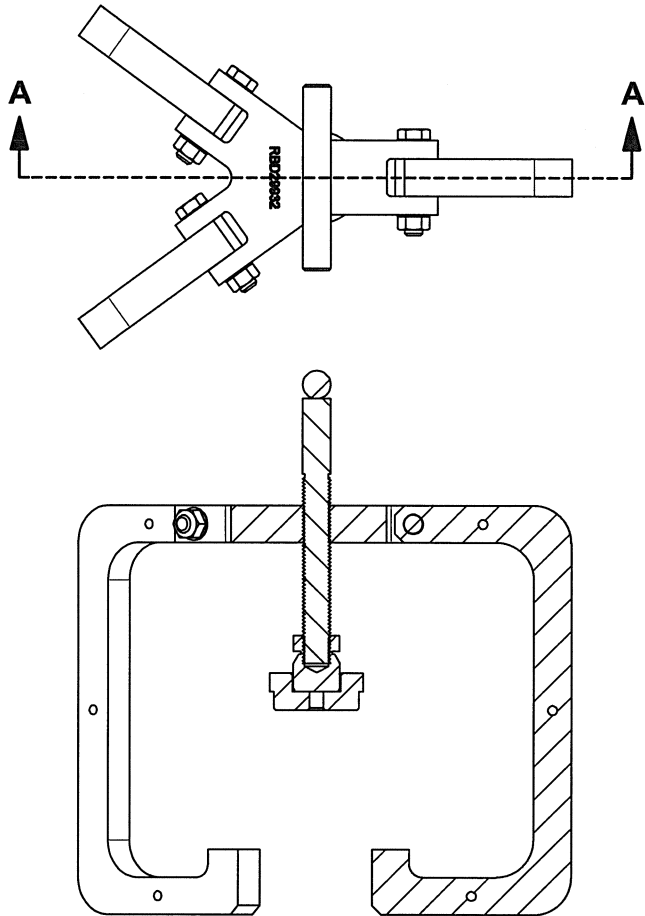


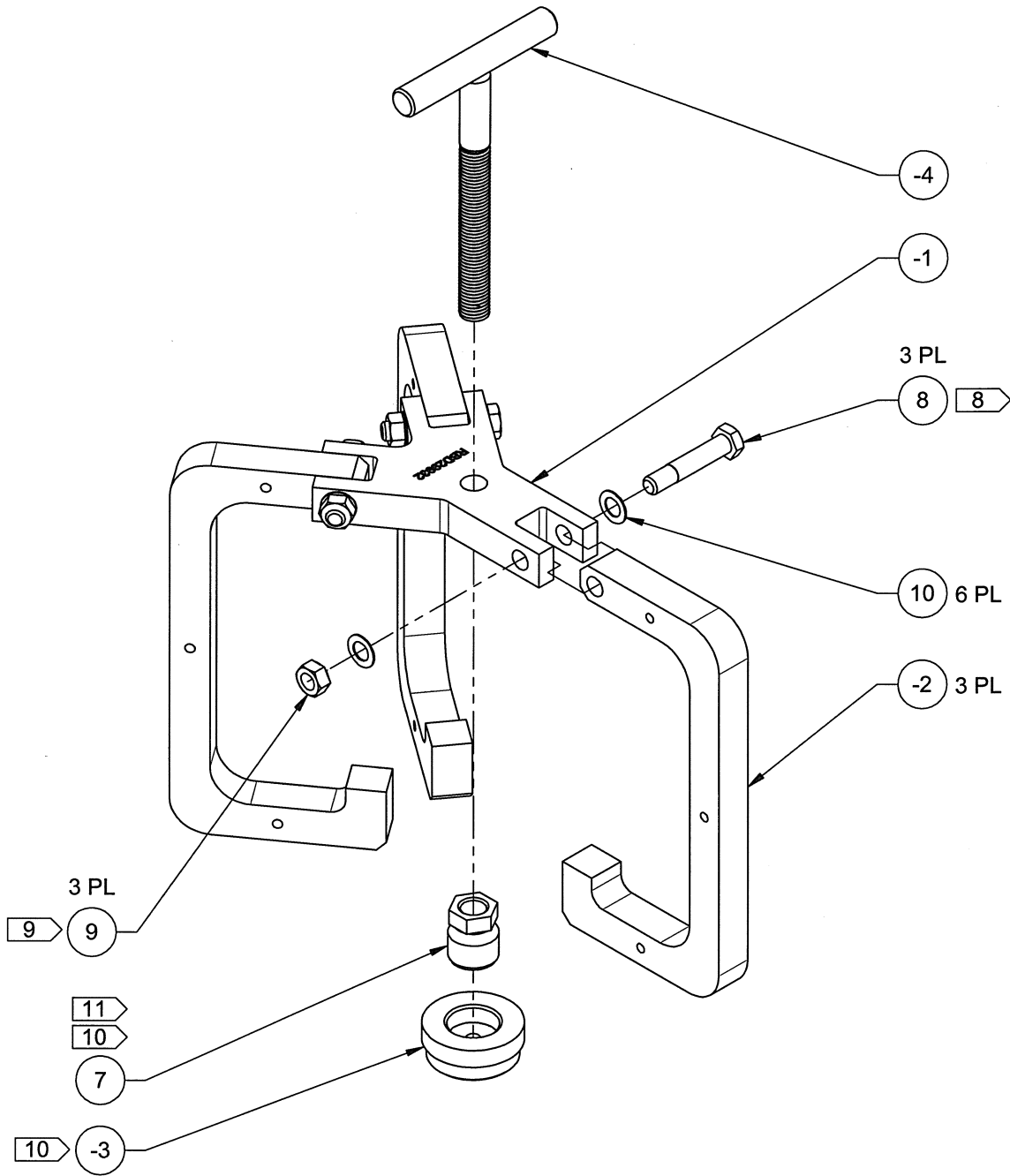
ITEM #	QTY	PART #	PART TITLE
-1	1	RBD29932-1	PULLER NUT
-2	3	RBD23392-2	PULLER
-3	1	RBD29932-3	THRUST PAD
-4	1	RBD29932-4	PULLER SCREW
7	1	Monroe#TP-750 OR EQUIV.	BLACK OXIDE STEEL TOGGLE PAD TYPE TP 3/4"-10 X 1-1/4" OD.
8	3	AN8-24A	BOLT
9	3	AN315-8R	NUT
10	6	NAS1149F0832P	WASHER



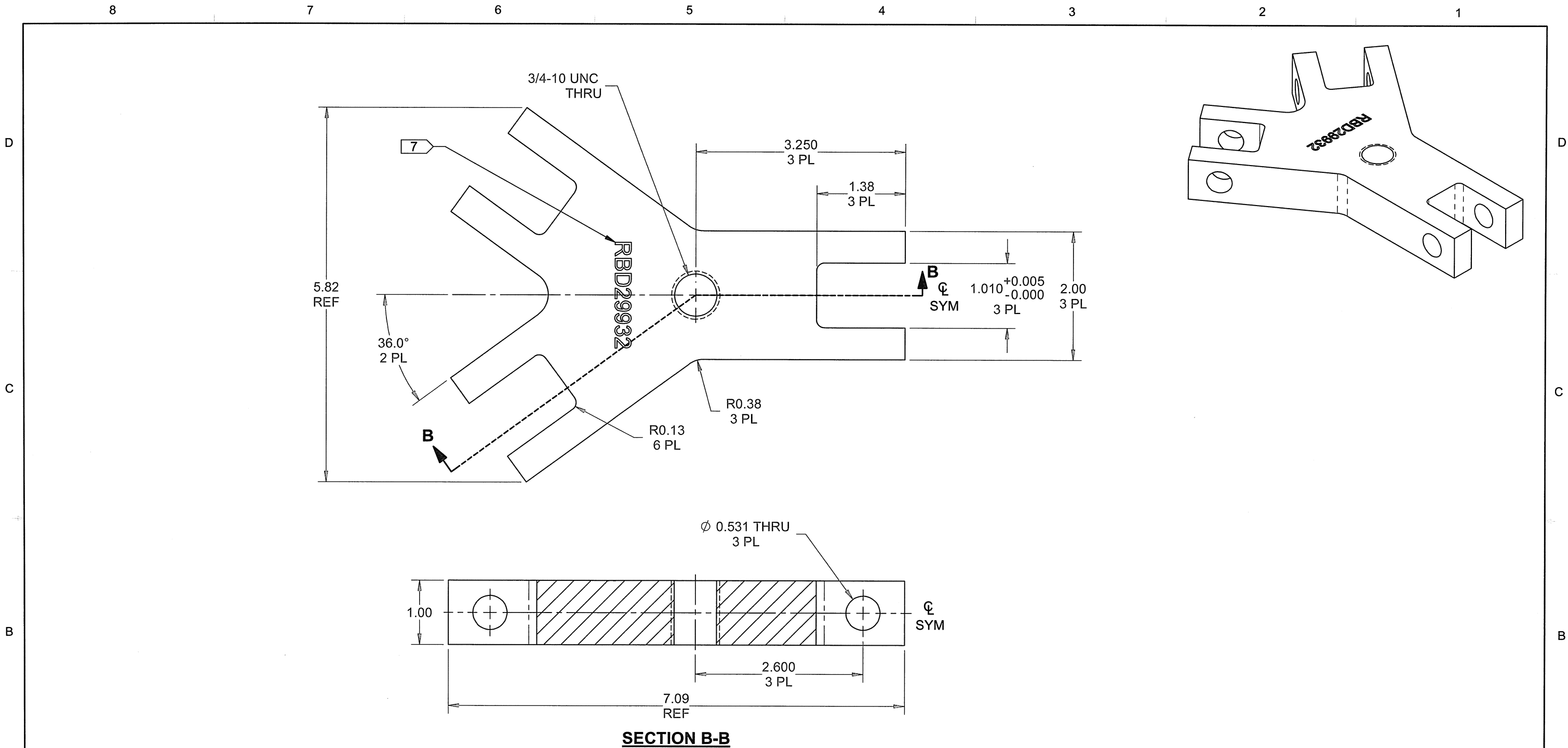
SECTION A-A

RBD29932 MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 8 THEN ASSEMBLE WITH ITEM 9, AND REMOVE EXCESS
 - 9) TORQUE ITEM 9 TO 40-58 FT-LBS (480-690 IN-LBS)
 - 10) APPLY INSTANT ADHESIVE LOCTITE 495 BETWEEN THE SURFACES OF ITEM 7 AND ITEM -3, AND REMOVE EXCESS
 - 11) INSTALL ITEMS 7 HAND TIGHT
 - 12) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG



A	NEW ISSUE	19-643	MBB
REV.	DESCRIPTION	ECN #	BY
DESIGN	MBB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MBB		
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBD29932	SHEET 1 OF 7
APPROVED	WLP	TITLE	SCALE
DATE	4/2/2019	MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS
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NOTES:

1) MATERIAL: 1018/1020/1025 CR

2) HEAT TREAT: N/A



3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS

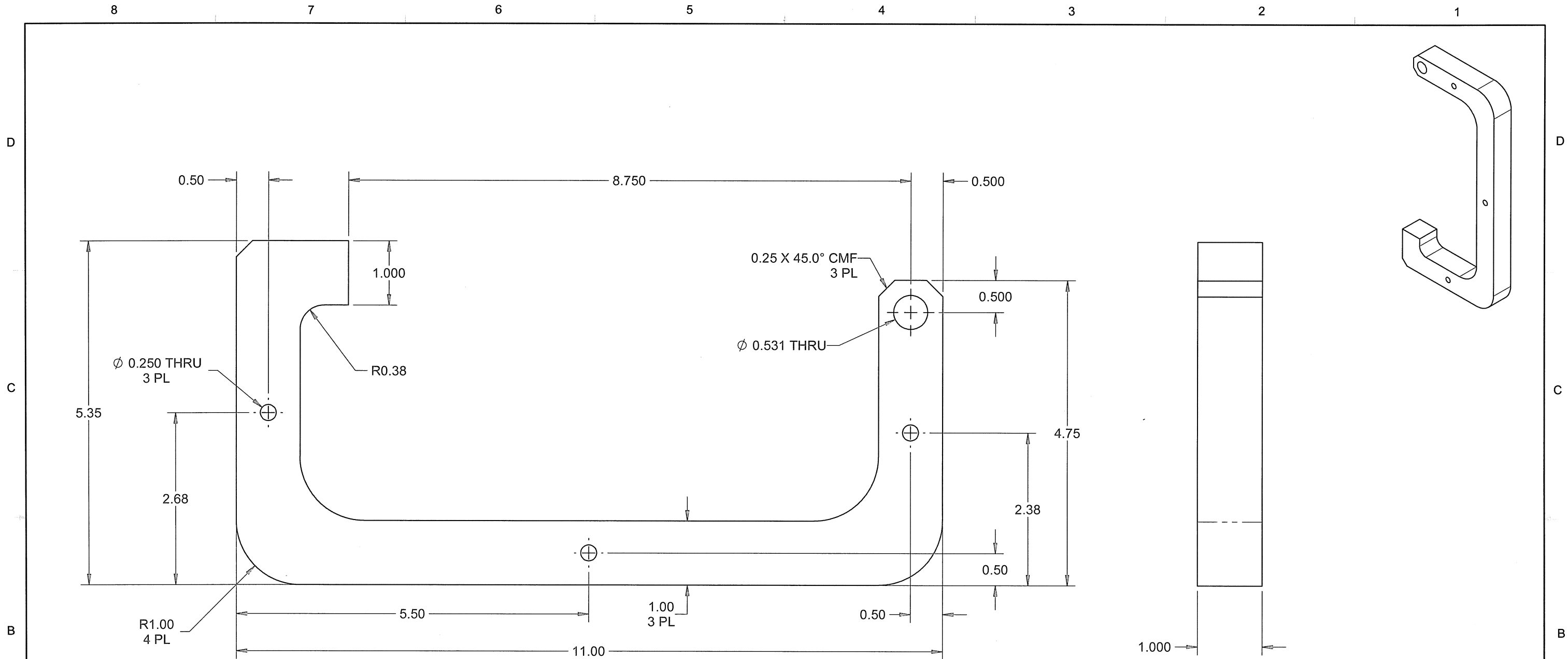
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS



7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

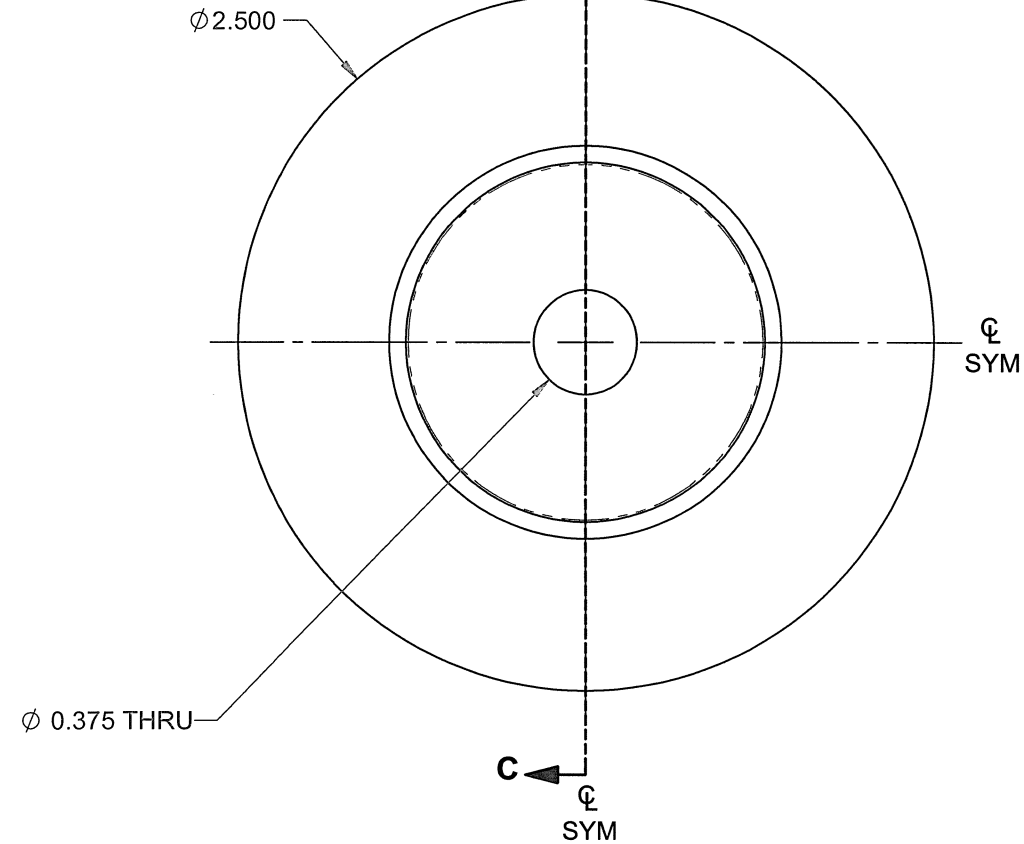
DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBD29932	SHEET 2 OF 7
APPROVED		TITLE	SCALE
		MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS 
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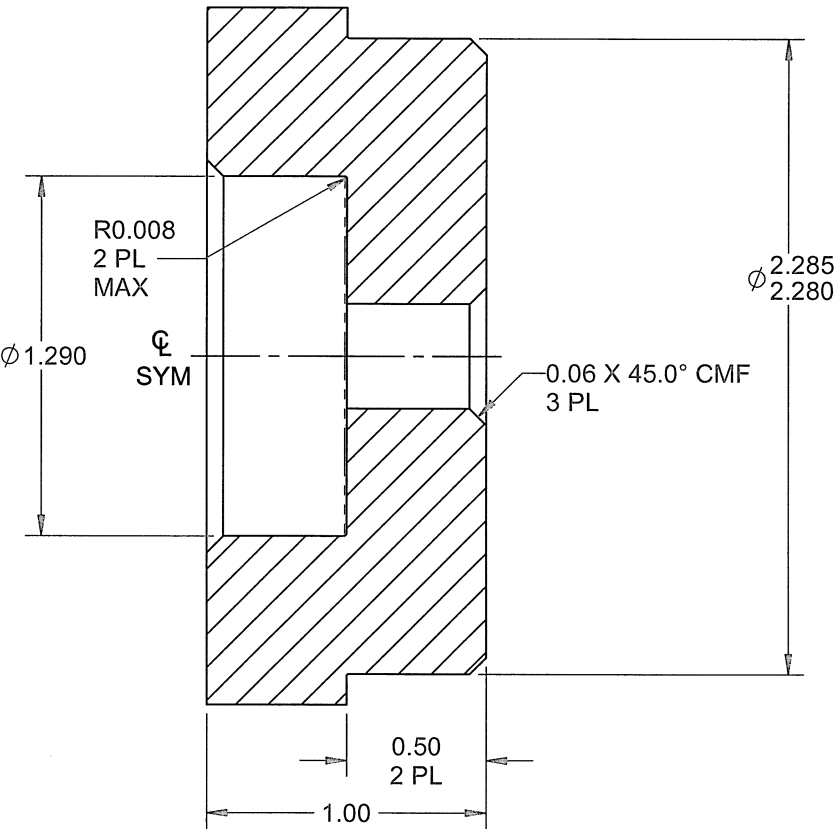
RBD23392-2 PULLER

NOTES:
1) MATERIAL: 1018/1020/1025 CR
2) HEAT TREAT: N/A
3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES AND BURRS
7) IDENTIFICATION: N/A

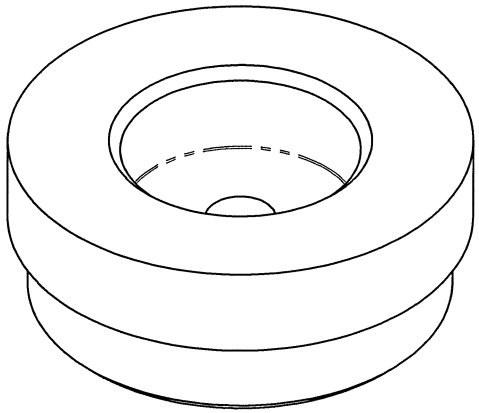
DESIGN	MBB	DART AEROSPACE LTD		
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA		
CHECKED	KPT	TOOL PART #	REV. A	
MFG. APPR.	DP	RBD29932	SHEET 3 OF 7	
APPROVED		TITLE	SCALE	
		MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS	
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RBD29932-3 THRUST PAD



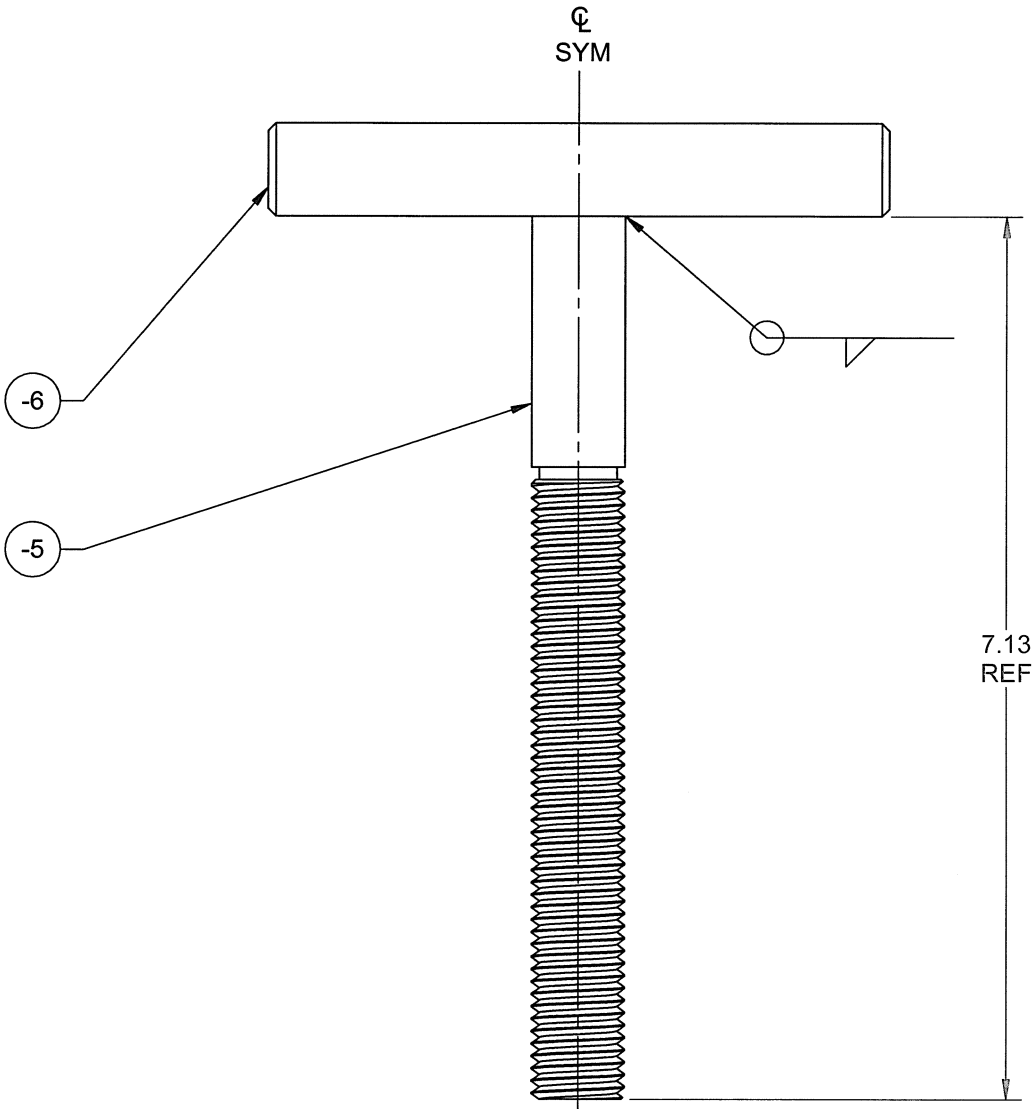
SECTION C-C



NOTES:
1) MATERIAL: 1018/1020/1025 CR
2) HEAT TREAT: N/A
3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES AND BURRS
7) IDENTIFICATION: N/A

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBD29932	SHEET 4 OF 7
APPROVED	VH	TITLE	SCALE
		MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS
DATE	4/2/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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ITEM #	QTY	PART #	PART TITLE
-5	1	RBD29932-5	SCREW
-6	1	RBD29932-6	HANDLE



RBD29932-4 PULLER SCREW

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A
7) ASSEMBLE AS SHOWN
8) REMOVE ALL WELD SPATTERS

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBD29932	SHEET 5 OF 7
APPROVED		TITLE	SCALE
DATE 4/2/2019		MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS
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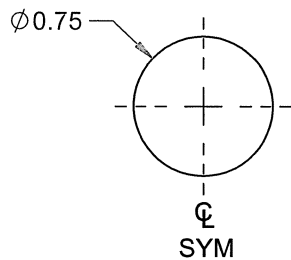
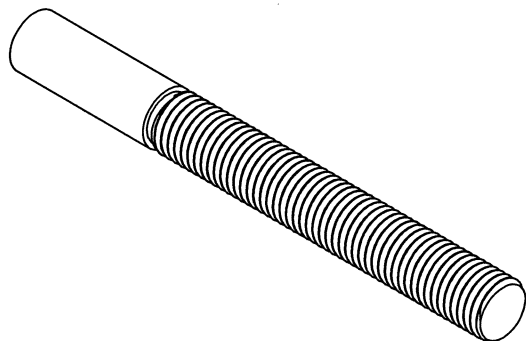
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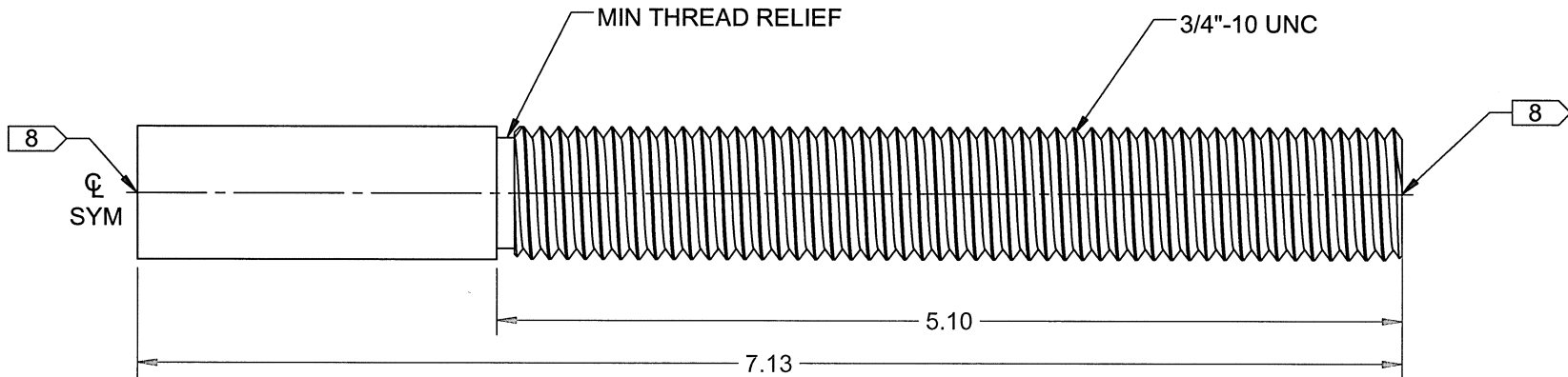
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RBD29932-5 SCREW



NOTES:

- 1) MATERIAL: 1018/1020/1025 CR
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBD29932	SHEET 6 OF 7
APPROVED	VHP	TITLE	SCALE
DATE	4/2/2019	MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS
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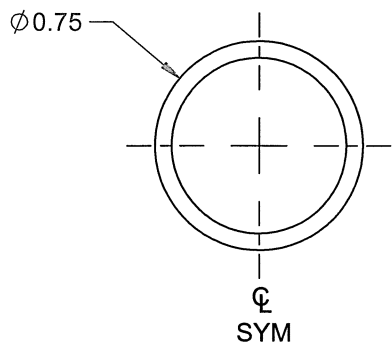
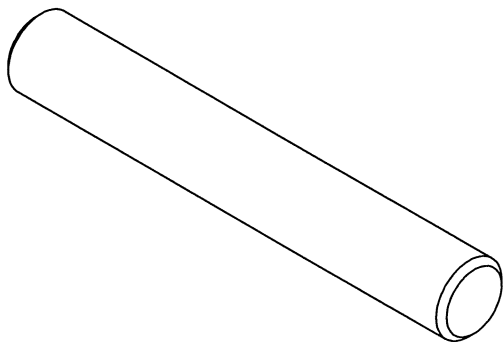
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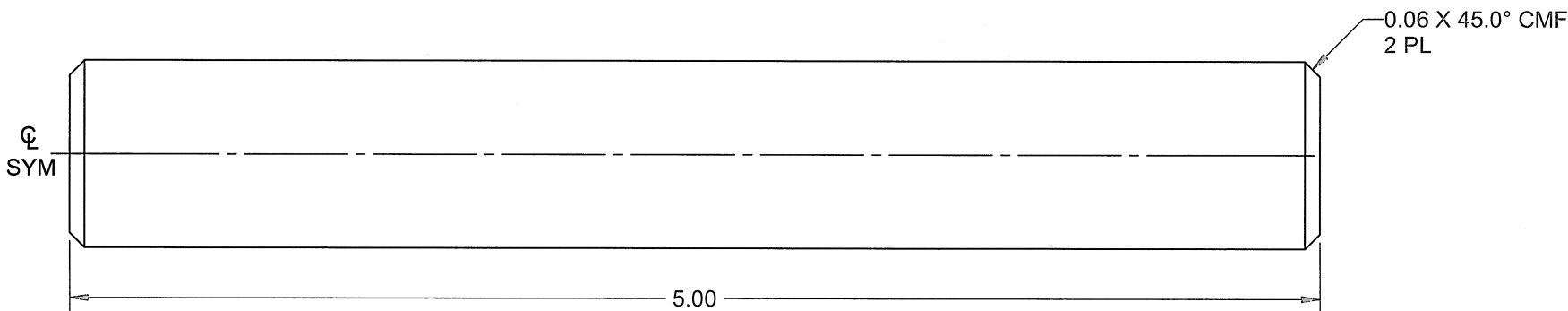
B

A

A



RBD29932-6 HANDLE



- NOTES:
- 1) MATERIAL: 1018/1020/1025 CR
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBD29932	SHEET 7 OF 7
APPROVED	VM	TITLE	SCALE
DATE 4/2/2019		MAIN ROTOR PULLER "D" MODEL (3 JAWS) AI	NTS
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